

Confirmation No.: 2765

(8/05)



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/500,001	03/11/2005	2856	1050	034185-054	8	5	1

21839
 BURNS DOANE SWECKER & MATHIS L L P
 POST OFFICE BOX 1404
 ALEXANDRIA, VA 22313-1404



CONFIRMATION NO. 2765

FILING RECEIPT



OC000000015528446

Date Mailed: 03/28/2005

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Toshiro Ishida, Gotemba-shi, JAPAN;

Assignment For Published Patent Application

TETRA LAVAL HOLDINGS & FINANCE S.A., PULLY, SWITZERLAND

Power of Attorney: The patent practitioners associated with Customer Number 21839.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP02/13497 12/25/2002

Foreign Applications

JAPAN 2001-400523 12/28/2001

Projected Publication Date: 06/30/2005

Non-Publication Request: No

Early Publication Request: No

Title

MLS/NEW
 4-6-05
 NAU-MAD-4/8/2005
 APR -7 2005

Sealed condition inspecting device

Inspection

Preliminary Class

073

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

PCT Postcard

Applicant/

Inventor: Toshiro Ishida

Appln. No.: _____

Docket No.: 034185-054

Working Atty.: Matthew L. Schneider / rsc

Date: June 23, 2004

Title: SEALED CONDITION INSPECTION DEVICE (AS AMENDED)

DT02 Rec'd PCT/PTO 23 JUN 2004

Dkt. Clerk Initials



The following was/were received in the U.S. Patent and Trademark Office on the date stamped hereon:

- ☐ Transmittal Letter to the U.S. Receiving Office/Response to Invitation (PTO-1382)
- ☒ Transmittal Letter to U.S. Designated/Elected Office (DO/EQ/US) Concerning Filing Under 35 USC 371 (PTO-1390)
- ☐ PCT Request (PCT/RO/101) (_____) pgs.

INCLUDING:

- ☒ Specification (pages 1 - 25)
- ☒ Claims (claims(s) 1 - 5 , 2 pgs.)
- ☒ Drawings (Fig(s). 1 - 13 , 8 pgs.)
- ☒ Abstract of the Disclosure
- ☐ PCT Fee Calculation Sheet Annex to the Request (PCT/RO/101 (Annex))
- ☐ PCT Demand (PCT/IPEA/401) International Preliminary Examination Report

- ☐ PCT Fee Calculation Sheet Annex to Demand for Int'l. Preliminary Exam. (PCT/IPEA/401 (Annex))
- ☐ PCT Notice of Confirmation of Precautionary Designations (PCT/RO/144)
- ☐ Executed Declaration/Power of Attorney
- ☐ Unexecuted Declaration/Power of Attorney
- ☐ Assignment/Assignment Recordation Form Cover Sheet (PTO-1595)
- ☐ Appointment of Agent
- ☒ Preliminary Amendment
- ☐ Information Disclosure Statement Transmittal
- ☐ Information Disclosure Citation (PTO-1449)
- ☐ Information Disclosure Statement w/ document(s)
- ☐ Diskette

- ☐ Check for \$ _____ is enclosed
- ☐ Check for \$ _____ is enclosed
- ☐ Charge \$ _____ to Deposit Account
- ☒ Charge \$ 920.00 to credit card. Form PTO-2038 is attached.
- ☒ Application Data Sheet
- ☒ General Authorization For Petitions of Time and Payment of Fees



10/500001

If submitting documents via Express Mail, provide the Express Mailing Label No. below:

Express Mail Mailing Label No.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)	Group Art Unit: Unassigned
)	
Toshiro ISHIDA)	Examiner: Unassigned
)	
Application No.: Unassigned)	Confirmation No.: Unassigned
)	
Filed: June 23, 2004)	
)	
For: SEALED CONDITION INSPECTION)	
DEVICE (As Amended))	

PRELIMINARY AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Prior to examination of the above-captioned patent application, kindly amend the application as follows.

AMENDMENTS TO THE SPECIFICATION:

Please replace the title with the following amended title:

"SEALED CONDITION ~~INSPECTING~~ INSPECTION DEVICE"

Please add the following new paragraph beginning on page 1, before FIELD OF THE INVENTION.

This disclosure is based upon Japanese Application No. 2001-400523, filed December 28, 2001, and International Application No. PCT/JP02/13497, filed December 25, 2002, the contents of which are incorporated herein by reference.

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Original) A sealed condition inspection device comprising
 - (a) a support unit for supporting an element to be inspected for the sealed condition,
 - (b) a pair of electrodes in contact with the portion to be inspected and supported by the support unit,
 - (c) an electrical variable detecting unit for detecting an electrical variable in the portion to be inspected, and
 - (d) a sealed condition device for judging the sealed condition based on the electrical variable.
2. (Currently Amended) The sealed condition inspection device according to Claim 1, wherein said ~~supporting~~ support unit of the element to be inspected is established in a conveyor for conveying the element to be inspected.
3. (Currently Amended) The sealed condition inspection device according to Claim 1, wherein ~~the said supporting~~ support unit is a receiving board for receiving the element to be inspected to mount the element.
4. (Currently Amended) The sealed condition inspection device according to Claim 1, wherein at least one of the pair of the said electrodes is movably disposed and can be located at ~~the~~ an inspection position and ~~the~~ a retreat position.

5. (Currently Amended) The sealed condition inspection device according to Claim 1, wherein at least one of the pair of the said electrodes consists of a plurality of electrode elements.

REMARKS

By way of the foregoing amendments, the title has been amended and the specification has been amended to incorporate the priority information. Claims 2-5 have been amended to make minor editorial changes without narrowing the claim scope, and to provide proper dependency.

It is requested that the application be examined taking into account the changes made by way of this Preliminary Amendment.

Early and favorable consideration with respect to this application is respectfully requested.

Should any questions arise in connection with this application, the undersigned respectfully requests that he be contacted at the number indicated below.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date: June 23, 2004

By: Matthew L. Schneider
Matthew L. Schneider
Registration No. 32,814

P.O. Box 1404
Alexandria, Virginia 22313-1404
(703) 836-6620